

EXTRUDABLE FLUOROPOLYMER BLENDS

Abstract

Provided is a melt processable fluorothermoplastic composition comprising a major amount of a first semi-crystalline fluorinated copolymer and a minor amount of a second fluoropolymer effective to reduce melt defects in the composition. Each fluoropolymer is selected from four classes. The first class, (a), includes a semi-crystalline perfluorinated copolymer. The second class, (b), includes a fluoropolymer derived from interpolymerized units of at least one essentially perfluorinated monomer and at least one non-fluorinated hydrogen-containing monomer. The third class, (c), includes a fluoropolymer derived from interpolymerized units of at least one partially-fluorinated monomer, and optionally at least one essentially perfluorinated monomer. The second fluoropolymer is selected from a category other than the category in which the first fluoropolymer is selected. The minor component also can include interpolymerized units of a PAVE, and/or a PAOVE. A method of improving surface properties in a fluoropolymer extrudate is also provided.